

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: MASUI, et al
Serial No.: Not yet assigned
Filed: December 21, 2001
For: CDMA MOBILE COMMUNICATION SYSTEM AND
COMMUNICATION METHOD
Group: 2664
Examiner: S. Nguyen

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

December 21, 2001

Sir:

The following amendments and remarks are respectfully submitted prior to the Rule
53(b) Continuation Application filed on even date.

IN THE SPECIFICATION

Please insert before the first line of the specification the following:

-- This is a continuation of application Serial No. 09/511,769, filed February 24, 2000;
which is a continuation of application Serial No. 08/690,819, filed August 1, 1996, now U.S.
Patent No. 6,269,088. --

IN THE CLAIMS

Please cancel claims 1-17 without prejudice or disclaimer of the subject matter thereof.

Please add new claims 18-20 as follows:

-- 18. A system comprising:

a base station; and

a plurality of terminals,

wherein a terminal having a request for data transmission transmits a reservation packet to said base station,

said base station, having received a reservation packet, transmits a reply packet to said terminal which transmitted said reservation packet, said reply packet being processed with a spreading code, and

wherein said base station generates a busy tone signal to control transmission of reservation packets from said plurality of terminals, and transmits said busy tone signal processed with a same spreading code said reply packet is processed with.

19. A base station in a system comprising said base station, and a plurality of terminals, wherein a terminal having a request for data transmission transmits a reservation packet to said base station, comprising:

a reply packet constructing unit for, in response to receiving a reservation packet from a terminal, transmitting a reply packet to said terminal which transmitted said reservation packet; and

a busy tone value calculator for generating and notifying a busy tone signal to control transmission of reservation packets from said plurality of terminals,

wherein said reply packet and said busy tone signal are processed with a same spreading code.

20. A terminal in a system comprising a base station, and a plurality of terminals, comprising:

a reservation packet constructing unit for, when having a request for data transmission, constructing a reservation packet to be transmitted to said base station;

a busy tone value calculator which receives from a base station a busy tone signal to control transmission of reservation packets;

an upward schedule controller which receives traffic state information from said busy tone value calculator to control issuance of reservation packets; and

means for receiving a reply packet transmitted from said base station in response to said reservation packet,

wherein, at receiving, said busy tone signal and said reply packet are despread using a same spreading code. --

REMARKS

Entry of the above amendments prior to examination is respectfully requested.

Please charge any shortage in fees due in connection with the filing of this paper, or credit any overpayment of fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (500.34763CX3).

Respectfully submitted,

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